

AUTOMATIC BATHROOM FLUSHERS WITH MODULAR DESIGN**Abstract**

5 A bathroom flusher includes a flusher body, a valve assembly, an
electronic control system, and a flusher cover. The flusher body includes an inlet
and an outlet, and is designed to accommodate the valve assembly that controls
water flow between the inlet and the outlet. The valve assembly includes a valve
member movable with respect to a valve seat providing a sealing action based
10 on applied pressure on the valve assembly. The bathroom flusher also includes
an external cover designed for enclosing an electronic control module comprising
a battery, a sensor, and an actuator for controlling operation of the flush valve,
wherein the external cover includes at least two cover parts separately
removable, and wherein the external cover is attachable with respect to the valve
15 body in a manner also allowing removable attachment of the control module.